

Serial No.: 09/675,619  
Filed: September 29, 2000

AMENDMENTS TO THE CLAIMS

Please cancel claims 9 and 13-15. After these cancellations, the claims read as follows:

1.-6. (Cancelled).

7. (Previously amended) A wireless network adapter, comprising:  
    wireless communication circuitry encased in a shell, said shell being a  
    detachable molding element of an electronic device;  
    a bus connector adapted to couple the wireless communication circuitry to  
    an expansion bus when the shell is attached to an outer surface of an electronic  
    device having said expansion bus;  
    an RF antenna for communication with a wireless network; and  
    a radio modem comprising a bus interface, a baseband controller, and a  
    radio transceiver that combine to modulate data onto a radio frequency carrier  
    signal,  
    wherein the RF antenna forms a part of a company logo or identifying  
    mark located on the shell of the wireless network adapter.

8.-11. (Cancelled).

12. (Previously amended) A computer system, comprising:  
    a system microprocessor;  
    an expansion bus coupled to the microprocessor and configured to  
    transport data to and from at least one input/output device;  
    an input/output device operatively coupled to said microprocessor; and  
    an expansion port connected to the expansion bus, wherein the port is  
    configured to accept a detachable molding element, and  
    wherein the expansion port comprises a recess configured to accept a  
    circuit card assembly comprising:  
        wireless communication circuitry;

**Serial No.: 09/675,619**  
**Filed: September 29, 2000**

a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the circuit card assembly is attached to the expansion port of the computer system;

an RF antenna for communication with a wireless network; and

a radio modem comprising a circuitry for conversion between digital and modulated analog signals,

wherein when the detachable molding element is installed, the molding element encases the circuit card assembly and covers the recess in the computer system.

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13.-15. (Cancelled).

16. (Previously amended) A computer system, comprising:

a system microprocessor;

an expansion bus coupled to the microprocessor and configured to transport data to and from at least one input/output device;

an input/output device operatively coupled to said microprocessor; and

an expansion port connected to the expansion bus, wherein the port is configured to accept a detachable molding element, wherein the detachable molding element houses a wireless network adapter comprising:

wireless communication circuitry;

a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the molding element is attached to the expansion port of the computer system;

an RF antenna for communication with a wireless network; and

a radio modem comprising a circuitry for conversion between digital and modulated analog signals,

wherein the RF antenna of the wireless network adapter forms a part of a company logo located on the shell of the molding element.

**Serial No.: 09/675,619**  
**Filed: September 29, 2000**

17. (Previously amended) A computer system, comprising:

- a system microprocessor;
- an expansion bus coupled to the microprocessor and configured to transport data to and from at least one input/output device;
- an input/output device operatively coupled to said microprocessor; and
- an expansion port connected to the expansion bus, wherein the port is configured to accept a detachable molding element, wherein the detachable molding element houses a wireless network adapter comprising:

  - wireless communication circuitry;
  - a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the molding element is attached to the expansion port of the computer system;
  - an RF antenna for communication with a wireless network; and
  - a radio modem comprising a circuitry for conversion between digital and modulated analog signals,

wherein the exterior case of the computer system functions as the RF antenna of the wireless network adapter.

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18.-19. (Canceled).

20. (Previously amended) A computer system, comprising:

- a system microprocessor;
- an expansion bus coupled to the microprocessor;
- an input/output device operatively coupled to said microprocessor; and
- an expansion port connected to the expansion bus configured to accept a wireless network adapter, said wireless network adapter comprising:

  - wireless communication circuitry;
  - a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the molding element is attached to the expansion port of the computer system;
  - an RF antenna for communication with a wireless network; and

**Serial No.: 09/675,619**  
**Filed: September 29, 2000**

a radio modem comprising a circuitry for conversion between digital and modulated analog signals.

wherein the expansion port is attached to the exterior case of the computer system, and

wherein the RF antenna of the wireless network adapter forms a part of a company logo located on the exterior surface of the wireless network adapter.

21. (Previously amended) A computer system, comprising:

- a system microprocessor;
- an expansion bus coupled to the microprocessor;
- an input/output device operatively coupled to said microprocessor; and
- an expansion port connected to the expansion bus configured to accept a wireless network adapter, said wireless network adapter comprising:
  - wireless communication circuitry;
  - a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the molding element is attached to the expansion port of the computer system;
  - an RF antenna for communication with a wireless network; and
  - a radio modem comprising a circuitry for conversion between digital and modulated analog signals.

wherein the expansion port is attached to the exterior case of the computer system, and

wherein the RF antenna of the wireless network adapter forms a part of a company logo located on the expansion port of the computer system.

22. (Previously amended) A computer system, comprising:

- a system microprocessor;
- an expansion bus coupled to the microprocessor;
- an input/output device operatively coupled to said microprocessor; and
- an expansion port connected to the expansion bus configured to accept a wireless network adapter, said wireless network adapter comprising:

Serial No.: 09/675,619  
Filed: September 29, 2000

wireless communication circuitry;  
a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the molding element is attached to the expansion port of the computer system;  
an RF antenna for communication with a wireless network; and  
a radio modem comprising a circuitry for conversion between digital and modulated analog signals.  
wherein the expansion port is attached to the exterior case of the computer system, and  
wherein the exterior case of the computer system functions as the RF antenna of the wireless network adapter.

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23.-24. (Cancelled).

25. (Previously amended) A laptop computer which comprises:  
a clamshell case having a shroud and a lid, wherein the shroud has a keyboard which is protected by the lid when the lid is in a closed position, wherein the lid has a display which is protected by the lid when the lid is in the closed position;  
an expansion port, wherein the expansion port is located proximate to an upper edge of the lid when the lid is in the open position; and  
a multifunctional module coupled to the expansion port, wherein one of the functions of the multifunctional module is as a wireless link adapter, wherein a second of the functions of the multifunctional module is decorative embellishment of the lid.

26. (Previously amended) A laptop computer which comprises:  
a clamshell case having a shroud and a lid, wherein the shroud has a keyboard which is protected by the lid when the lid is in a closed position, wherein the lid has a display which is protected by the lid when the lid is in the closed position;

Serial No.: 09/675,619  
Filed: September 29, 2000

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an expansion port, wherein the expansion port is located proximate to an upper edge of the lid when the lid is in the open position; and a multifunctional module coupled to the expansion port, wherein one of the functions of the multifunctional module is as a wireless link adapter, wherein a second of the functions of the multifunctional module is as a latch release for the lid.

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